

Laboratory Details of Information Technology Department

Computer Center-II

The Information Technology department has CC-II lab which provides extensive computing programs. This includes more than 60 high-performance computers in the range of Windows/Linux systems which mainly encourages the students from first year for developing C language programming, Data structures and Object Oriented programs etc. for their curriculum.

Major Equipment:

Sr. No.	Laboratory Equipment	Quantity
1	Desktop All In One (HP ProOne 400)	60
2	DELL CPU (Dell Optiplex 380)	1
3	Network Switch (CISCO 48 Port)	2
4	Projector (CPX82)	1
5	Printer (1020 plus)	1
6	Scanner (HP 200)	1
7	CCTV Camera	2
8	Network Switch Rack	1
9	Projector Screen	1
10	White Board	1

Software Facilities:

Sr. No.	Software name	Specification
1	Windows -8.1 (Operating System)	License
2	Microsoft Office 2010	License
3	Auto Cad	License
4	Matlab	License
5	Solid Work	License
6	Python	Freeware
7	Turbo C	Freeware
8	Java	Freeware

PHOTOS:

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Database Lab

The Information Technology department has well equipped DB Lab to understand the basic structure of SQL and to be familiar with simple to complex database operations, to understand the concept of data manipulation through queries using SQL and also to develop a mini project on database using any database management system.

Major Equipment:

Sr. No.	Laboratory Equipment	Quantity
1	Desktop All In One (Optiplex 3050)	30
2	DELL CPU (Dell Optiplex 380)	1
3	Network Switch (CISCO 48 Port)	1
4	Projector	1
5	CCTV Camera	1
6	Network Switch Rack	1
7	Projector Screen	1
8	White Board	1

Software Facilities:

Sr. No.	Software name	Specification
1	Windows -10 (Operating System)	License
2	Microsoft Office 2013	License
3	Microsoft Visual Studio	License
4	Matlab	License
5	Oracle 11g	License
6	Turbo C	Freeware
7	Java	Freeware
8	Python	Freeware

PHOTOS:

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Advance Computer Network Lab

The Information Technology department has well equipped ACN Lab to learn how to implement the different protocols, to get familiar with socket programming and various routing algorithms using various simulation tools for networking.

Major Equipment:

Sr. No.	Laboratory Equipment	Quantity
1	Desktop All In One (HP ProOne 400)	30
2	DELL CPU (Dell Optiplex 380)	1
3	Network Switch (CISCO 48 Port)	1
4	Projector EPSON	1
5	CCTV Camera	1
6	Network Switch Rack	1
7	Projector Screen	1
8	White Board	1

Software Facilities:

Sr. No.	Software name	Specification
1	Windows -8.1 (Operating System)	License
2	Microsoft Office 2010	License
3	NETWORK SIMULATOR	License
4	NS2	Freeware
5	WIRESHARK	Freeware
6	WINWAP	Freeware
7	8086 emulator	Freeware
8	Anaconda Python	Freeware
9	Turbo C	Freeware
10	Java	Freeware

PHOTOS:

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Project Lab

The Information Technology department has well equipped Project Lab to provide students with all the software required for developing and designing their final year degree projects. This lab with all required facilities is also available to those students doing PhD/PG for conducting their research projects and its implementation.

Major Equipment:

Sr. No.	Laboratory Equipment	Quantity
1	Desktop All In One (HP ProOne 400)	30
2	DELL CPU (Dell Optiplex 380)	1
3	Network Switch (CISCO 48 Port)	1
4	Projector HITACHI	1
5	CCTV Camera	1
6	Network Switch Rack	1
7	Projector Screen	1
8	White Board	1

Software Facilities:

Sr. No.	Software name	Specification
1	Windows -10 (Operating System)	License
2	Microsoft Office 2013	License
3	Microsoft Visual Studio	License
4	Matlab	License
5	Oracle 13g	License
6	Microsoft Office Project Management	License
7	Rational Rose	License
8	Anaconda Python	Freeware
9	Turbo C	Freeware
10	Java	Freeware

PHOTOS:

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System Software Lab

The Information Technology department has SS Lab with all necessary softwares to provide environment to gain the knowledge of system software and also to develop an ability to design and implement various compiler optimization techniques.

Major Equipment:

Sr. No.	Laboratory Equipment	Quantity
1	Desktop All In One (HP ProOne 400)	30
2	DELL CPU (Dell Optiplex 380)	1
3	Network Switch (CISCO 48 Port)	1
4	Projector NEC	1
5	CCTV Camera	1
6	Network Switch Rack	1
7	Projector Screen	1
8	White Board	1

Software Facilities:

Sr. No.	Software name	Specification
1	Windows -10 (Operating System)	License
2	Microsoft Office 2013	License
3	Netsim	License
4	Matlab	License
5	Python	Freeware
6	R Studio	Freeware
7	Java	Freeware

8	Wireshark	Freeware
9	8086 Emulator	Freeware
10	Anaconda Python	Freeware

PHOTOS:

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